

Eccentric Bushings

Compact and robust elastomeric bushings providing high vertical flexibility and effective vibration isolation, particularly suitable for cab suspension systems.



AMC-MECANOCAUCHO® Eccentric Bushings are elastomeric components specifically designed for applications requiring **high flexibility in the vertical direction**, combined with effective control of movement in the other directions.

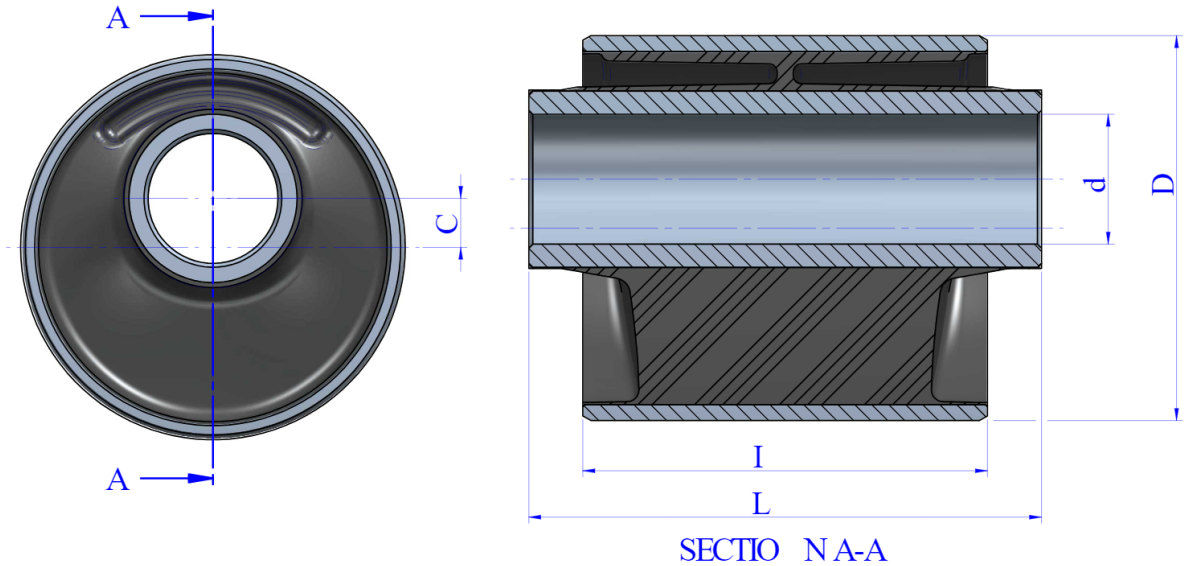
Their design is based on an **offset between the axis of the inner sleeve and that of the outer sleeve**. This geometry provides **different stiffness characteristics in each axis**, improving vibration isolation in the primary direction while maintaining the stability of the assembly.

By combining **flexibility, controlled movement, and resistance to dynamic loads**, these bushes are particularly suitable for the **elastic suspension of vehicle cabs and mobile equipment**.

They can be used in cab suspension systems subjected to **high dynamic loads and FOPS/ROPS structural safety requirements**, where vibration isolation, movement capability, and stability are required simultaneously.

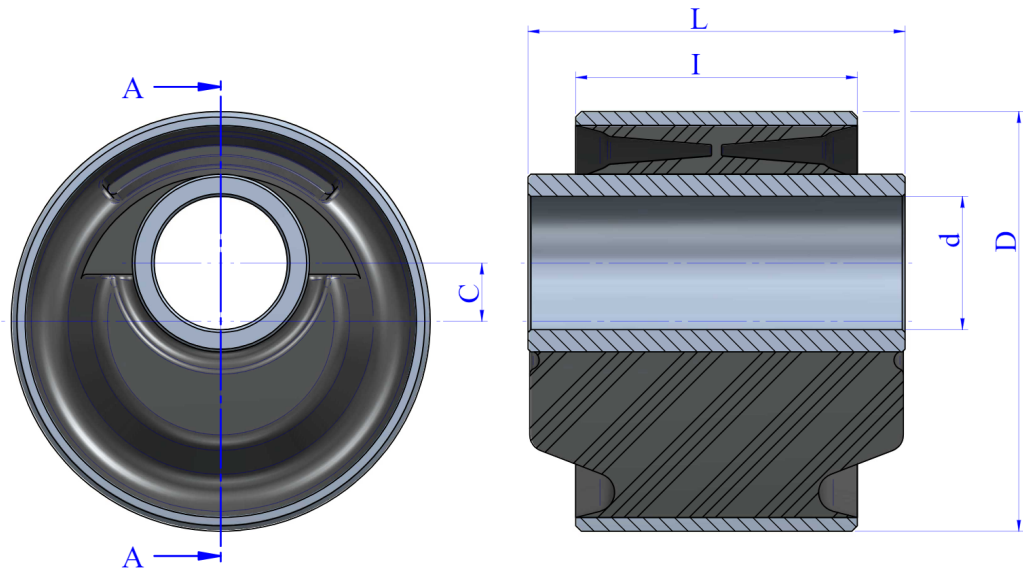
Drawings

MINI



Type	d(in)	C(in)	D(in)	I(in)	L(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
MINI	0.64	0.24	1.89	1.99	2.52	1	154161	242	45 Sh
							154163	397	60 Sh

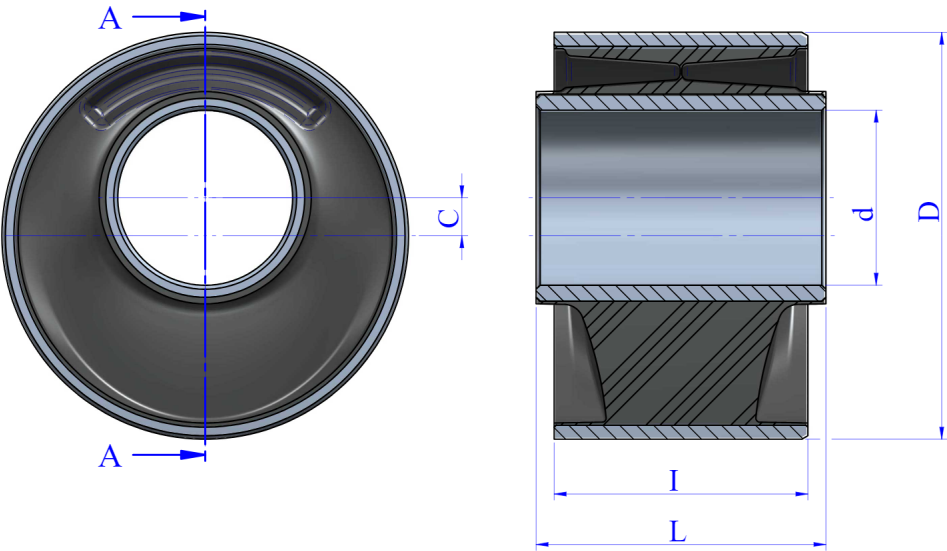
SMALL



SECTION A-A

Type	d(in)	C(in)	D(in)	I(in)	L(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
SMALL	0.94	0.41	2.98	2	2.68	1	154159	441	45 Sh
							154158	860	60 Sh

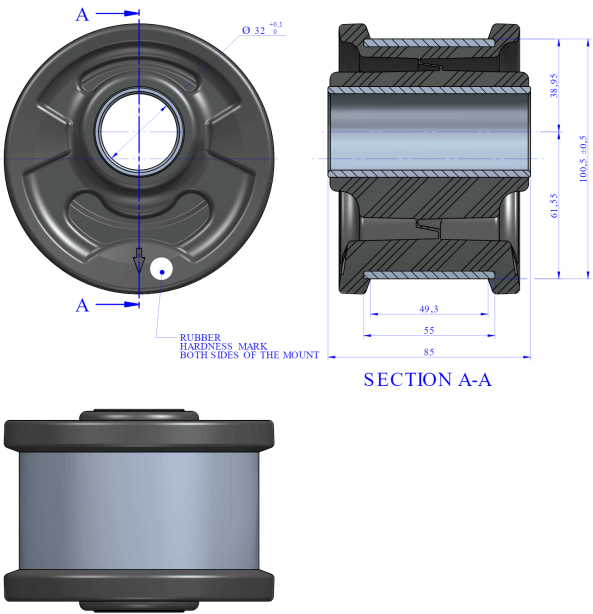
LARGE



SECTION A-A

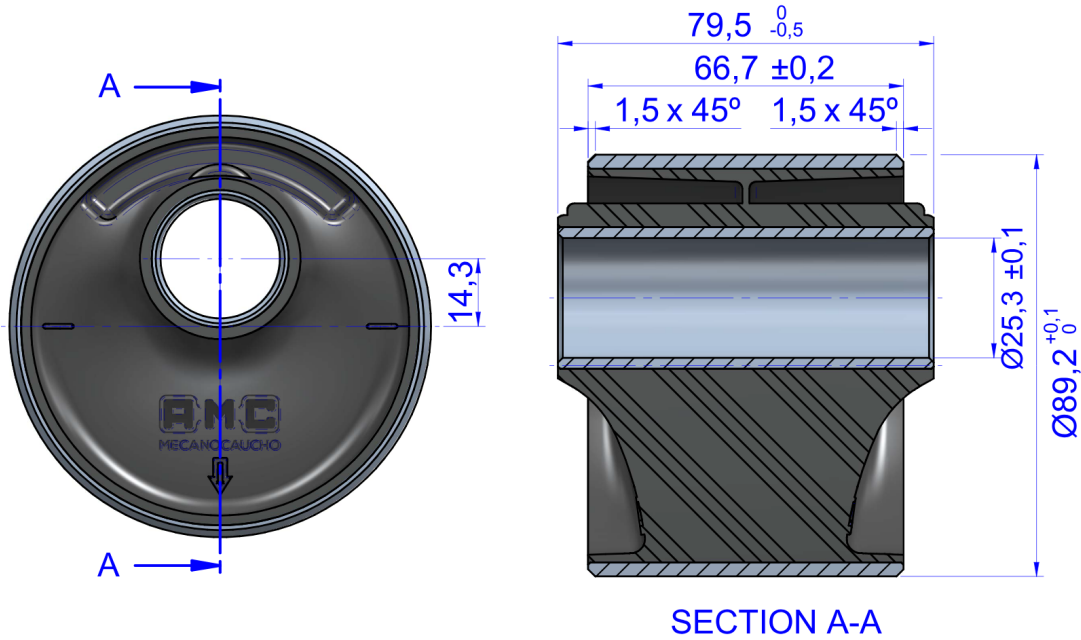
Type	d(in)	C(in)	D(in)	I(in)	L(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
LARGE	1.72	0.37	4	2.5	2.85	2	154154	639	45 Sh
							154155	1124	60 Sh

100 HD



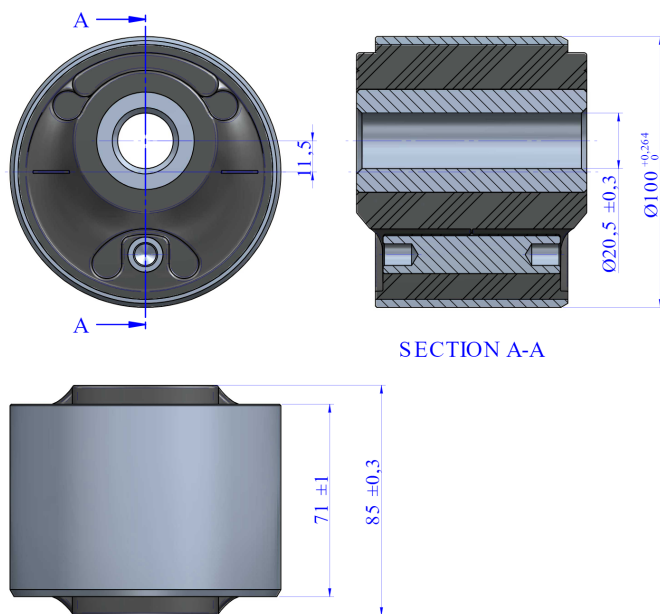
Type	d(in)	C(in)	D(in)	I(in)	L(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
100 HD	-	-	-	-	-	2	154181	639	50 Sh
							154182	771	55 Sh
							154183	948	60 Sh
							154184	1245	70 Sh

Ø90



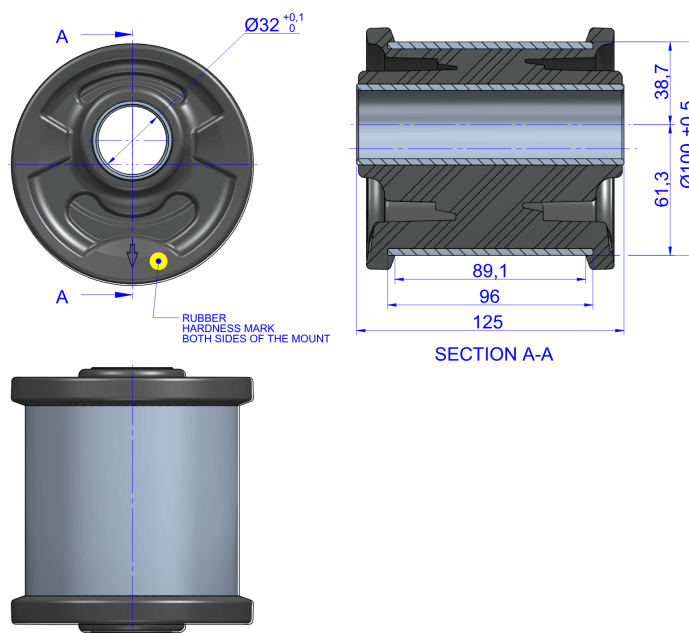
Type	d(in)	C(in)	D(in)	I(in)	L(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
Ø90	-	-	-	-	-	2	154136	771	65 Sh

100 RD



Type	d(in)	C(in)	D(in)	l(in)	L(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
100 RD	-	-	-	-	-	3	154175	992	50 Sh

110 HD



Type	d(in)	C(in)	D(in)	I(in)	L(in)	Weight(lbs)	Code	Max. Load(lbs)	Shore
110 HD	-	-	-	-	-	4	154067	1212	40Sh
							154142	1543	50Sh
							154143	1873	60Sh
							154144	2645	70Sh

Technical characteristics

- Optimal vibration damping and isolation.
- Fit to use for robust and safe constructions.
- Simple installation and application.